

What we claim is:

1. A ventilation unit for a motor vehicle comprising:
a housing with air ducts for supplying air through panel openings to the interior of the vehicle, and
at least one draft tube disposed in the housing adjacent said panel openings, said at least one draft tube having an outlet slot arranged to be exposed to the air stream exiting said panel openings.
2. The ventilation unit according to claim 1, wherein said at least one draft tube is arranged along an elongate side of the panel openings.
3. The ventilation unit according to claim 1, further including at least one additional draft tube disposed adjacent to a second elongate side of said panel openings, said at least one additional draft tube having an outlet slot arranged to be exposed to the air stream exiting said panel opening.
4. The ventilation unit according to claim 1, wherein a first end of the at least one draft tube includes an air inlet opening.
5. The ventilation unit according to claim 1, wherein said outlet slot is formed axially in a side wall of the at least one draft tube.
6. The ventilation unit according to claim 5, wherein said outlet slot extends over at least half of the axial length of the at least one draft tube.
7. The ventilation unit according to claim 5, where the outlet slot has a varying width along the axial direction of the at least one draft tube.
8. The ventilation unit according to claim 1, wherein a first end of the at least one draft tube is an air inlet opening.

9. The ventilation unit according to claim 8, further including a baffle adjacent to the first end of the draft tube to deflect air toward the inlet opening at said first end.

10. The ventilation unit according to claim 9, wherein the at least one draft tube, the first inlet end and the outlet slot act together with the baffle to provide a passive self-regulating temperature stratification control.

11. A ventilation unit for a motor vehicle comprising:
a housing with air ducts for supplying air through panel openings to the interior of the vehicle, and
at least two draft tubes integrally molded into the housing and disposed adjacent to at least two sides defined by the panel openings, wherein each of said at least two draft tubes include an outlet slot arranged to be exposed to the air stream exiting said panel openings.

12. A housing for a ventilation unit for a motor vehicle comprising:
an air inlet that is capable of receiving air;
at least two air ducts that define at least two separate air channels;
an air mixing section in which air passing through the at least two separate air channels converges;
a longitudinally slotted tube positioned within the air mixing section, wherein one end of the slotted tube includes an opening that is capable of receiving air from only one of the at least two separate air channels; and
an air outlet that is capable of outputting air that passes through said air mixing section.